

## Description of Additional Supplementary Files

**File Name:** Supplementary Data 1

**Description:** Baseline characteristics of UK Biobank (UKB) cohort participants.

**File Name:** Supplementary Data 2

**Description:** Baseline characteristics of UKB participants sampled in 02/02/2021 and 7/17/2020.

**File Name:** Supplementary Data 3

**Description:** Top baseline demographic associations for COVID-19 positivity for second time point (tests between 07/18/2020 and 02/02/21).

**File Name:** Supplementary Data 4

**Description:** Top exposures (FDR-corrected p-values in top 10 %) associated with COVID-19 positivity for first time point (tests until 07/17/2020).

**File Name:** Supplementary Data 5

**Description:** Top exposures (FDR-corrected p-values in top 10 %) associated with COVID-19 positivity for second time point (tests between 07/18/2020 and 02/02/21).

**File Name:** Supplementary Data 6

**Description:** Top exposures with interaction effect (FDR-corrected p-values in top 10 %) with timepoint.

**File Name:** Supplementary Data 7

**Description:** Top exposures (FDR-corrected p-values in top 10 %) associated with COVID-19 hospitalization for first time point (tests until 07/17/2020).

**File Name:** Supplementary Data 8

**Description:** Top exposures (FDR-corrected p-values in top 10 %) associated with COVID-19 hospitalization for second time point (tests between 07/18/2020 and 02/02/21).

**File Name:** Supplementary Data 9

**Description:** Proportion of participants in each family income category for each assessment center for first time point (tests until 07/17/2020).

**File Name:** Supplementary Data 10

**Description:** Proportion of participants in each family income category for each assessment center for second time point (tests between 07/18/2020 and 02/02/21).